ABSTRACT

An optical disk device (1) includes a feed gear (64) that engages a rack portion (57a) integrally formed with an optical pickup (57), a tray gear (13) used for vertically moving a turntable (52) and moving a disk tray (12), and a motor (62) as a common driving source. The number of teeth of the feed gear (64) is the same as the number of teeth of the tray gear (13), and the rotation is transmitted from the feed gear (64) to the tray gear (13) so that the ratio of the number of rotations of the feed gear (64) to the number of rotations of the tray gear (13) is 1:1. With such an arrangement, it becomes possible to perform a pickup feeding operation, a turntable vertically-moving operation, and a disk carrying operation by one driving source, and it becomes possible to enhance ease of assembly.